Andrew Wang

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Portfolio Website: andrewwang07016.github.io/Portfolio

SUMMARY

As an aspiring programmer, I'm focused on sharpening practical programming and data analysis skills. I enjoy solving problems that require both technical rigor and an understanding of people. Check out my work on my website — it's linked in the header.

EDUCATION

University of South Florida (USF) | Tampa, FL   June 2021 - May 2025
Bachelor of Science in Information Science (Data Science & Analytics) | GPA: 3.77

SKILLS

Programming | Python (Spyder) | R (RStudio) | Java (Apache NetBeans) | SQL (Microsoft Access) | HTML | CSS
Software | Tableau | ArcGIS | Canvas | Word | Excel | PowerPoint | Teams | Outlook | Gmail | GitHub | NLP | LLMs

EXPERIENCE

Property Management | Marger Properties | Saint Petersburg, FL   July 2019 - December 2024
- Coordinated with tenants and contractors on property projects, monitored progress, and resolved challenges
- Decreased monthly expenses by nearly 10% by utilizing a property upkeep, repair, and replacement strategy

Office Complex Management | Palais Royale Offices | Saint Petersburg, FL   June 2019 - December 2024
- Designed an effective operating framework, which increased overall yearly tenant satisfaction by 15%
- Developed a new data organization system, improving how we organize and label new and existing data

INVOLVEMENT

Student Support Services (SSS) | Tampa, FL   June 2021 - May 2025
- Assisted in interactive events, workshops, and activities for low-income, first-generation students

Volunteer | St Vincent de Paul CARES Community Thrift Store | Saint Petersburg, FL   January 2019 - December 2020
- Provided a local nonprofit organization committed to ending homelessness with assistance

PROJECTS

R (Programming Language) | DataMart | Airline Tweets
- Used exploratory alongside linear regression and random forest models to analyze Walmart purchasing behaviors
- Built word cloud and topic modeling analysis on tweet data, transforming insights into high-quality, intuitive visuals

SQL (Programming Language) | Database for a Doctor's Office | Database for School
- Determined the most frequent patients, services, and generated appointments for patients and schedules for doctors
- Queried credits obtained, average GPA by major, whether they were citizens, and what courses each student was taking

C++ (Programming Language) | Cash Register | Card Trick Game
- Implemented case-by-case based loops to track products and calculate purchases, creating a digital receipt
- Prompted interactive questions with inputs for a card game with arrays and loops, simulating a continuous experience

Java (Programming Language) | GUI Calculator | Storm Tracking Data
- Made a calculator application with an intuitive graphical user interface that emulates a real-world calculator program
- Performed data retrieval, filtering, and created an organized table to provide the user with relevant data on hurricanes